	Application No. Applicant(s)		
Notice of Allowability	10/717,526	OZAWA, KINYA	
	Examiner	Art Unit	<u> </u>
	Prasad R Akkapeddi	2871	Mar Mar
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R	(OR REMAINS) CLOSED in or other appropriate commul IGHTS. This application is so	this application. If not included nication will be mailed in due co	l ourse. THIS
1. This communication is responsive to			
2. The allowed claim(s) is/are 1.			
3. \boxtimes The drawings filed on <u>21 November 2003</u> are accepted by	the Examiner.		
 4. Acknowledgment is made of a claim for foreign priority ur a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	been received. been received in Application	n No. <u>10/107,253</u> .	on from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		a reply complying with the requ	irements
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			TICE OF
6. CORRECTED DRAWINGS (as "replacement sheets") mus	t be submitted.		
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached			
1) hereto or 2) to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date			
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t	.84(c)) should be written on th he header according to 37 CFF	e drawings in the front (not the b R 1.121(d).	ack) of
7. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			te the
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/O Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Su Paper No./N 8), 7. ☑ Examiner's A	ormal Patent Application (PTO- mmary (PTO-413), Mail Date Amendment/Comment Statement of Reasons for Allow	
of Diological Material		·	

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EXAMINER'S AMENDMENT

The application has been amended as follows:

Specification

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

The tile has been changed as follows:

'Transflective liquid crystal display device that controls disinclination caused by an electric filed'.

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DETAILED ACTION

Allowable Subject Matter

- 2. Claim 1 is allowed.
- 3. The following is an examiner's statement of reasons for allowance:

A search of the prior art did not disclose a transflective liquid crystal device comprising a combination of the structural elements, more specifically:

(a) A twist of angle theta of the liquid crystal layer sandwiched by the pair of substrates is in a range of theta </= 90 degrees, then an alignment treatment in a direction corresponding to the twist angle is applied onto each of the pair of substances in such a manner that in a state that no voltage is applied, a direction of the long axis of a liquid crystal molecule positioned (1/4) d (where d is a layer thickness of the liquid crystal layer) high from a surface of the one substrate is oriented to a direction that is perpendicular to a direction in which a space between the electrodes adjacent to each other extends.

None of the prior art teaches an alignment treatment in a direction corresponding to a twist angle and the positioning of the long axis of the liquid crystal molecules either perpendicular or parallel, for the specified twist angles, to a surface at a height of (1/4) d, when there is no applied voltage.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prasad R Akkapeddi whose telephone number is 571-272-2285. The examiner can normally be reached on 7:00AM to 5:30PM M-Th.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert H Kim can be reached on 571-272-2293. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Prasad R Akkapeddi, Ph.D Examiner Art Unit 2871

PRIMARY EXAMINER